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Our Reference: 8412 PCT

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Withdrawal Device

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**Claims**

1. Withdrawal device for films manufactured in blow-molding process  
**characterized in that**  
at least one air turning bar, whose surface comprises at least in part of sintered material.
2. Withdrawal device pursuant to claim 1  
**characterized in that**  
only those sections of the surface of the air turning bar that guide the film comprise at least in part of a sintered material.
3. Withdrawal device pursuant to claim 1  
**characterized in that**  
the surface of the air turning bar comprises completely of a sintered material.
4. Withdrawal device pursuant to claim 1  
**characterized in that**  
the air turning bar comprises completely of a sintered material.

5. Withdrawal device pursuant to one of the aforementioned claims  
**characterized in that**  
the sintered material is sintered ceramics.
6. Withdrawal device pursuant to one of the aforementioned claims  
**characterized in that**  
the air turning bar comprises a surface having a variable radius across an axial expansion thereof.
7. Usage of an air turning bar whose surface comprises at least in part of a sintered material in a withdrawal device for films manufactured in the blow-molding process.